

U.S. ATLAS M&O Estimate

WBS Profile Estimates

Funding All Funding Type: Management Reserve Date: 2/1/2007 9:09:42 AM

Institutions: All Estimate in AY \$k Labor/Material: Materials only

WBS Number	Description	FY 07 (k\$)	FY 08 (k\$)	FY 09 (k\$)	FY 10 (k\$)	FY 11 (k\$)
3	U.S. ATLAS M&O Estimate	259	297	228	191	0
3.3	Liquid Argon	259	297	228	191	0
3.3.1	Mechanical M&O Estimate	126	102	145	0	0
3.3.1.1	Pre-operations and commissioning	35	0	0	0	0
3.3.1.2	Operations	0	6	0	0	0
3.3.1.3	Maintenance	92	97	145	0	0
3.3.2	Electronic M&O Estimate	120	167	83	162	0
3.3.2.1	Pre-Operations and	39	0	0	0	0
3.3.2.2	Operations	4	0	4	4	0
3.3.2.3	Maintenance	77	167	79	158	0
3.3.3	Beam Test	13	28	0	29	0
3.3.3.1	FCAL Hadronic Tail Measurement	13	0	0	0	0
3.3.3.2	Test Beam - optical links	0	0	0	0	0
3.3.3.3	Front-end readout commissioning	0	0	0	0	0
3.3.3.4	Beam test equipment modification	0	28	0	29	0
3.3.4	CERN living expenses	0	0	0	0	0
3.3.4.1	M&O crew travel expenses	0	0	0	0	0
3.3.5	CERN common costs	0	0	0	0	0
3.3.5.1	CERN common costs	0	0	0	0	0